

## **ABSTRACT**

A portable terminal is disclosed which displays data received from the exterior or internally generated on its screen in an upright direction. The portable terminal comprises a video processor, a display with the screen, a sensor, and a  
5 controller. The video processor converts the data into a displayable format according to the characteristics and size of the screen so that the data can be displayed on the screen. The data displayed on the screen is converted according to the characteristics and size of the screen. The sensor has a sensing device for sensing rotation of the screen, and generates a sensing signal according to a  
10 rotating direction of the screen. The controller determines a rotating direction of the screen according to the sensing signal, and controls the video processor to convert a format of the data in an opposite direction of the determined rotating direction in order to display the data in an upright direction.